M. A. R. 57 (Rule 116) No. D

Measurement Book

225945

Serial No. 1st and final Bill

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Technical Manager: KRIDL (West) Bangalore.

Date of commencement of work..... D.O. Recording :- 07-02-2019

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work :- Improvements to Road and drain at Kammagonahally Roma Temple back side Road and surrounding area in Ward No. 12, in shettyhalli sub-Division						
	Estimated Cost Rs = 50.00 Lakh.						
	JOB. No = 012-18-00000 8.					p. Code. -P-3332	(Special development Works)
	Work order No = EE/DD/WO/327/2017-18. Dt. 22-03-2018.						
	Date of commencement = 23-03-2018						
	Date of completion = 07-02-2019						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
①	Earthwork excavation by manual means in ordinary soil, initially average horizontal throw upto 2 mts and average lift upto 1.5m, excavated surface leveled and finally dressed, the disposed earth to be leveled after breaking clods complete as per specifications and directions of Engineer-in charge of work.						

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

225946

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Size graded granite metal coarse aggregate 0.85 y^3 and fine aggregate 0.57 y^3, machine mixed Concrete laid in layers not exceeding 15cms thick well Compacted in foundations, including all material, labour, using machinery Curing complete as per specifications and directions of Engineer in-charge of works.						
					qty as per MB. P. No 225993		
					It no. (2) = 116.00 y^3 @ 5159.02 $/y^3$		5,98,446.32
37	Providing and laying in position reinforced cement concrete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of design mix M 20 with cement @ 320 kgs with 20 mm and down size graded metal coarse aggregate @ 0.69 m³ and fine aggregate @ 0.460 m³, with Super plasticizer @ 3 ltr confirming to IS: 9103-1999 re-affirmed 2008, machine ~~mixed~~ mixed concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation, pedestals, retaining walls, staircase, retaining walls return wall, including all attached pilasters, column, prem. abutments, pillars, pushes etc complete as per specifications and directions of Engineer-in-charge work.						

M. A. R. 57 (Rule 116) No. D

Measurement Book

225947

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(a) for drain Balcony Contract						
	(b) for drain Contract No.1)						
	Rama Temple Back side Road.	2×2	30.00	0.15	0.65	11.70	
		2×1	5.50	0.15	0.65	1.07	
		2×1	30.00	0.15	0.65	5.85	
		2×1	14.80	0.15	0.65	2.89	
		2×1	30.00	0.15	0.70	6.30	
		2×1	6.30	0.15	0.70	1.32	
	Raghavendra Layout Road No.1	2×6	30.00	0.15	0.70	37.80	

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ಪಾಲಿಕೆ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Laxmipura Main Road						
	4)	2×4	30.00	0.15	0.70	= 25.20	
	R)	2×4	30.00	0.15	0.70	= 25.20	
		2×1	25.00	0.15	0.70	5.25	
	for CD)	2×1	5.00	0.35	0.70	2.45	
		2×1	5.60	0.35	0.70	2.74	
		2×1	5.80	0.35	0.70	= 2.84	
		1×1	5.00	1.50	0.25	1.88	
		1×1	5.60	1.50	0.25	2.10	
		1×1	5.80	1.50	0.25	2.18	
						242.88 m³	
					4%	238.50 m³	
					e	6371.66 m³	1519640.91

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಟ್ಟಿಕಲ್ಲ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

225948

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Providg and removg centerg, shuttering, strutting, propping etc and removal of formwork for vertical surface such as walls and pilasters, columns, attached pilasters, buttresses and string courses cushg of material, labour, complete as per specifications and directions of Engineer-in-charge of work qty vide this MB. Pg. No. 225995 = 1320.00 sq ft @ 310.58/- ⑤						409965.60
5)	Providg TMT-steel reinforcement for RCC work including straightg cutting, bendg, hookg, placing in position, tyeing wire or						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Wldg wherever required, tying with binding wire and anchoring to the adjoining members, wherever necessary complete as per design including costing all material, labour, hiring of machinery complete as per specifications and directions of Engineer-in-charge/s work.						
						Qty vide this mb. Item no (3)	
						P.no 225994 = 14.40 Tonnes	92505.25
						@ 64243.42/Tn	
6)	Providing and laying reinforced cement concrete M30 grade using 20mm and down size graded granite metal using HYSD 10mm dia steel @ 100mm c/c both ways						

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

225949

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and complete as per specification.						
	(a) Ram Temple Back Rd	1×2	30.00	0.75	-	45.00	
		1×1	5.50	0.75	-	4.12	
		1×1	30.00	0.75	-	22.50	
		1×1	14.80	0.75	-	11.10	
		1×1	30.00	0.75	-	22.50	
		1×1	6.30	0.75	-	4.72	
	(b) Raghavendra 40 main Road - Rs (20.00 to 180.00)	6×1	30.00	0.75	-	135.00	
	(c) Laxmipura main Rd 6m CRos 40 Rs	4×1	30.00	0.75	-	90.00	
		4×1	30.00	0.75	-	90.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	25.00	0.90	-	22.50	
		2×1	26.00	0.90	-	46.80	
		2×1	25.50	0.90	-	45.90	
						540.72 m^3	
					Add 10%	540.00 m^3	
					@ 1680.00/m^3		907200.00
						Total Rs	45,02,533.71
					Add KERL charges @ 11%		4,95,278.71
						G. Total	49,97,812.47

Audited and admitted for Rs. 4997812=47

Passed by Cheque for Rs. 4458159=00

(Forty Four lakhs fifty Eight thousand One Hundred fifty nine only)

by adjts. Rs. 539653=00

Accounts Superintendent

Exe. Engineer

B.B.M.P. Dasarahalli Division

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ. 12, ದಾಸರಹಳ್ಳಿ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು.

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

225950

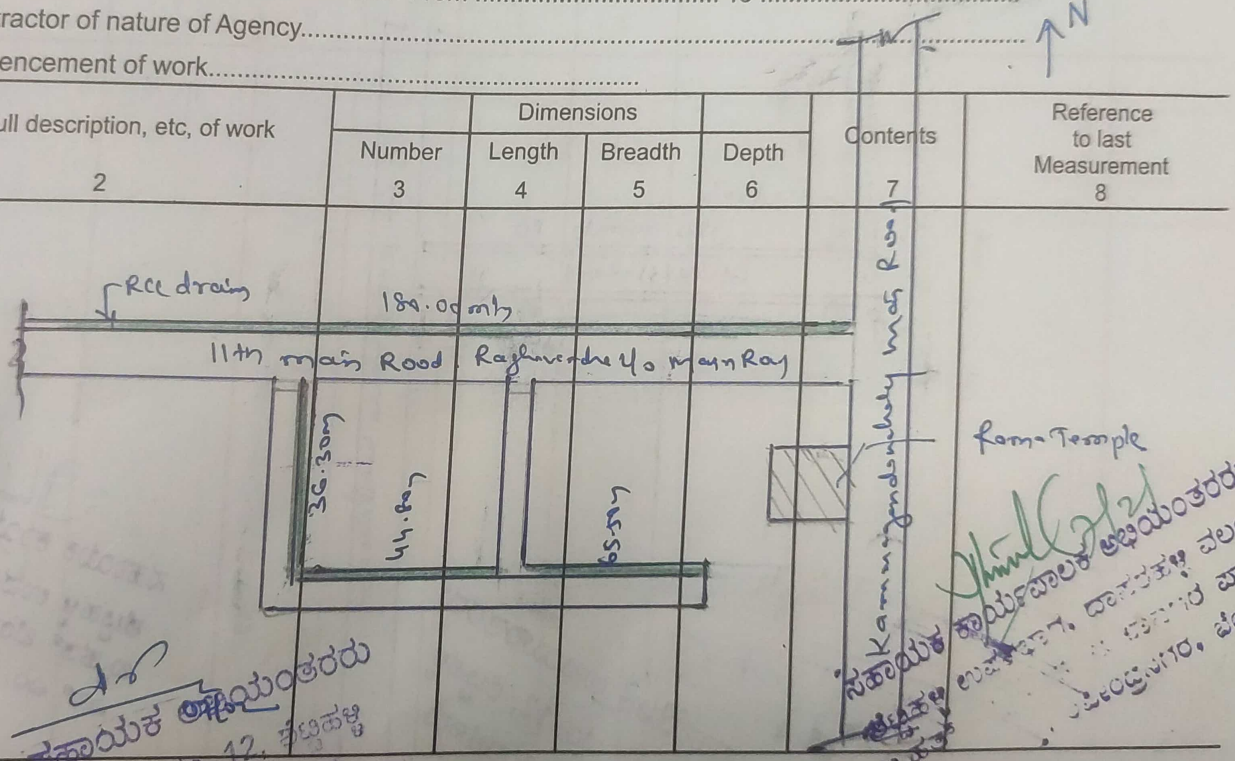
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



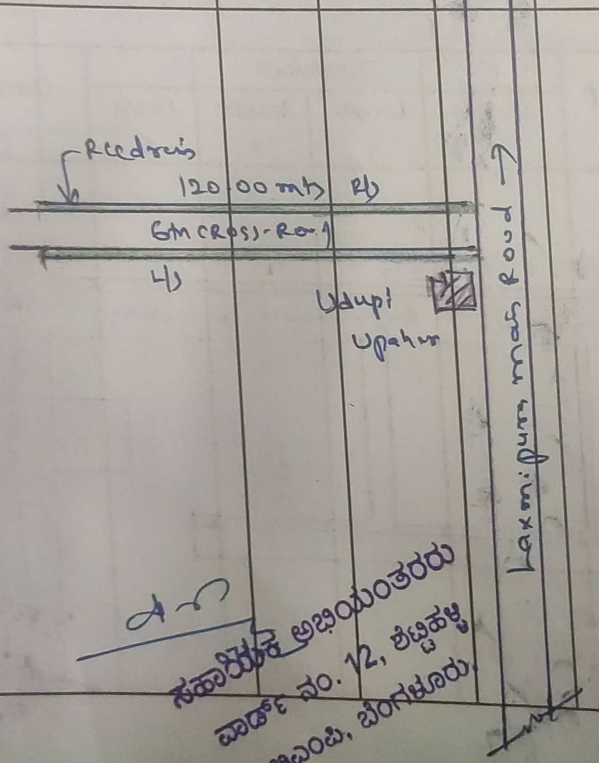
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ. 12, ಚೆಲ್ಲಿಕೆರೆ
ಬೆಂಗಳೂರು.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೆಂಗಳೂರು

Name of work: Improvements to roads & drains @ KG Halli Kama temple Back side & Surrounding area in ward NO:12 Shettihalli Sub division.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ,
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ. 12, ಶೆಟ್ಟಿಹಳ್ಳಿ
ಜಾಜಿಮಂಟಿ, ಬೆಂಗಳೂರು.